



STATE OF DELAWARE  
DEPARTMENT OF AGRICULTURE  
DIVISION OF STANDARDS & INSPECTIONS  
DOVER, DELAWARE 19903

OFFICE OF THE  
DIRECTOR

TELEPHONE: (302) 736-4811

October 4, 1983

RECEIVED BY LFMB	
Date...	10/26/83
Log...	Oct 11 I
By...	Brown
Orig To...	
Action Comp...	

Mr. Richard H. Ladun, Physical Security Inspector  
United States Nuclear Regulatory Commission-Region 1  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Ladun:

As per our conversation on September 22, 1983, we are forwarding copies of maintenance service under our contract with Perkin-Elmer.

While they do not officially inventory the activated material in the Electron Capture Unit, we would hope that this would be useable as an inventory report since they do check the entire instrument and their calls are at least every six months.

Perkin-Elmer does not actually perform the "wipe test" and, therefore, we are unintentionally guilty of failure to follow the specifications required in our NRC license.

At this time, we would like to request an amendment to our NRC License No. 07-19576-01 to allow us to have the Electron Capture Unit removed from the instrument and stored until needed for analyses without the necessity of a six-month "wipe test" being performed while in storage.

The names of the writer, William H. Garner, Analytical Chemist III, and Gordon St. Mary, Analytical Chemist II, should be removed from the license allowing only the name of Ms. Teresa Crenshaw, Analytical Chemist II, to remain.

Thank you for your visit and explanations of the license.

Very truly yours,

*W. H. Garner*  
W. H. Garner  
Chemist In Charge

8509190561 850828  
REG 1 LIC 30  
07-19576-01 PDR

FEE EXEMPT

01827

WHG:aw

"OFFICIAL RECORD COPY"

ML1A

OCT 12 1983

BILLING NAME AND ADDRESS	
STATE OF DELAWARE	
DEPT. OF AGR. DIV. OF STD & INSP.	
Rt. 13 Camden DE 19934	
LOCATION OF INSTRUMENT if other than above	CHEM LAB

# PERKIN-ELMER

## FIELD SERVICE REPORT NORWALK, CONNECTICUT

SERVICE REPORT NUMBER				B 1713	
CODE	AUDIT	DEPT.	OFFICE	CLOCK NO.	
21		A	S-1	01517	
CUSTOMER PURCHASE ORDER NO.					
-					

PARTS USED							SPECIAL BILLING INSTRUCTIONS
QTY	PART NUMBER	DESCRIPTION	EXCH	UNIT PRICE*	NET	VISIT OFC	
		NO PARTS					

PROD CODE	MODEL CODE	PE CONTRACT	
107	3311		
INSTRUMENT SERIAL NO.			
082842001011			
COMPLETE	DATE VISITED	RESPONSE TIME	CALL BACK
Y	(N) 2-11 & 2-12	5	

DESCRIPTION OF WORK PERFORMED	ADD'L. PARTS REQ'D.
	QTY PART NUMBER
INSTALL E-1 W/FID, ECD, AUX INTERFACE	
1. SET UP UNIT. COMPLETE INSTALLATION OF GAS LINES, LEAK TESTED OK.	
2. MODIFIED INTERNAL PLUMBING FOR 2 DIFFERENT CARRIER GASSES + MAKE UP FOR ECD.	
3. INSTALLED DATA CHANNEL IN CONSOLE.	
4. TESTED FID OK.	
5. SET UP CONDITIONING FOR ECD WILL RETURN FOR TESTING.	
	PE SERVICE ENGINEER
	W. H. MASON

ACTUAL		BILLABLE
10.0 HRS	LABOR HOURS 340	HRS \$
6.0 HRS	TRAVEL HRS/ZONE 375	HRS \$
VISIT NO.	CONTRACT 360	\$
ZONE CODE	FLAT CHG. 370	\$
	MISC. CHG. 390	\$
TAX BACKLOG	TAX CODE	SHIPPING CHARGES
00		

SERVICE REASONS			INCOMPL. REASON	PRIMARY USE	CODE 1
AREA	PROBLEM	CAUSE			
1	-	-		27	
PERSON CONTACTED/TELEPHONE NO.					
B. GARNER 736-4819					
CUSTOMER SIGNATURE					
B. H. Garner					

BILLING NAME AND ADDRESS	
STATE OF DELAWARE	
DEPT OF AGRIC. DIV OF STD & INSP.	
RT 13 CAMDEN DE 19934	
LOCATION OF INSTRUMENT If other than above	CHEM LAB

**PERKIN-ELMER**  
FIELD SERVICE REPORT  
NORWALK, CONNECTICUT

SERVICE REPORT NUMBER		B 1714	
CODE	AUDIT	DEPT.	CLOCK NO.
21		A 5-1	01517
CUSTOMER PURCHASE ORDER NO.			

PARTS USED						SPECIAL BILLING INSTRUCTIONS	
QTY	PART NUMBER	DESCRIPTION	EXCH	UNIT PRICE*	NET	VISIT OFC	
		NO PARTS					
						INVOICE COMMENTS	
						COMPLETES FSR	
						B-1713	

DESCRIPTION OF WORK PERFORMED		ADD'L. PARTS REQ'D.	
		QTY	PART NUMBER
COMPLETE 5-1 INSTALLATION			
1. TESTED F.I.D. OK.			
2. PERFORMED STANDING CURRENT & SENSITIVITY TEST ON E.C.D. OK.			
3. GAVE CUSTOMER OPERATIONAL INSTRUCTION ON 5-1 SYSTEM ALSO USING CONSOLE WITH INTERFACE.			
4. MADE MAKE UP GAS CHART FOR ECD			
5. INSTRUCTED CUSTOMER ON ECD STD. CURRENT TEST.			
		PE SERVICE ENGINEER	
		W. H. MASON	

PROD CODE	MODEL CODE	PE CONTRACT	
107	3311		
INSTRUMENT SERIAL NO.			
082842001011			
COMPLETE	DATE VISITED	RESPONSE TIME	CAL. DAY
(Y) N	2-17-81	5	
ACTUAL	LABOR HOURS		BILLABLE
5.0 HRS	340		HRS \$
3.0 HRS	TRAVEL HRS/ZONE		HRS \$
	375		
VISIT NO.	CONTRACT		
	360	\$	
ZONE CODE	FLAT CHG.		
	370	\$	
	MISC. CHG.		
	390	\$	
TAX BACKLOG	TAX CODE	SHIPPING CHARGES	
00			

SERVICE REASONS		INCOMPL. REASON	PRIMARY USE	COD 1
AREA	PROBLEM CAUSE			
1	-	-	-	27
PERSON CONTACTED/TELEPHONE NO.				
B. GARNER 736-4814				
CUSTOMER SIGNATURE				
W. H. Mason				

FORM 1-6128-15

\*Not a firm quote. Prices subject to change according to our current price lists.

3 - CUSTOMER COPY - SEE REVERSE SIDE FOR TERMS AND CONDITIONS

PERKIN-ELMER  
FIELD SERVICE REPORT  
NORWALK, CONNECTICUT

[illegible]

DESCRIPTION OF WORK PERFORMED		ADD'L. PARTS REQ'D.	
		QTY	PART NUMBER
CHECK H <sub>2</sub> REG. - DIFFICULTY IN LIGHTING FLAME.			
1. CHECKED REGULATOR, CLEANED FITTING, TESTED OK			
2. CHECKED FID. FLAME LIGHTS OK. RAN TEST COL WITH TEST MIX, RESPONSE OK.			
3. DISCUSSED SEVERAL OPERATING PROCEDURES WITH CUSTOMER PERTAINING TO COL. COND. & OPERATING.			
		PE SERVICE ENGINEER	
		(W. H. MASON)	

SERVICE REASONS AREA PROBLEM CAUSE			INCOMPLETE REASON	PRIMARY USE	CODE 1
5	7	1	-	27	
PERSON CONTACTED/TELEPHONE NO.					
B. GARNER 302-736-4819					
CUSTOMER SIGNATURE					
H. H. Garner					

\*Not a firm quote. Prices subject to change according to our current price lists.

3 - CUSTOMER COPY - SEE REVERSE SIDE FOR TERMS AND CONDITIONS



PERKIN-ELMER  
FIELD SERVICE REPORT  
NORWALK, CONNECTICUT

CODE	AUDIT	DEPT.	OFFICE	CLOCK NO.
15		A	S-1	01517

CUSTOMER PURCHASE ORDER NO.  
022463

PROD CODE	MODEL CODE	PE CONTRACT
107	3311	

INSTRUMENT SERIAL NO. 08284200/011

COMPLETE		DATE VISITED	RESPONSE TIME	CALL BACK
(Y)	N	1-13-82	2	

ACTUAL		BILLABLE	
PM	HRS 340		HRS 3

YR	HRS	TRAVEL HRS/ZONE 375	HRS
VISIT NO.	CONTRACT		

CEM	360		
ZONE CODE	FLAT CHG.		
19175	370		

TAX	MISC. CHG. 390		\$
TAX BACKLOG	TAX CODE	SHIPPING CHARGES	

00			
SERVICE REASONS	INCOMP		CODE

AREA	PROBLEM	CAUSE	REASON	PRIMARY USE	CODE

PERSON CONTACTED/TELEPHONE NO.

CUSTOMER SIGNATURE

[illegible]

## BILLING NAME AND ADDRESS

STATE OF DELAWARE

DEPT OF AG.

RT 13

DOVER DE 19901

LOCATION OF INSTRUMENT

If other than above

## PERKIN-ELMER

## FIELD SERVICE REPORT

NORWALK, CONNECTICUT

SERVICE REPORT  
NUMBER

P 1194

CODE AUDIT DEPT. OFFICE CLOCK NO.

14

A

S-1

01517

CUSTOMER PURCHASE ORDER NO.

## PARTS USED

## SPECIAL BILLING INSTRUCTIONS

QTY	PART NUMBER	DESCRIPTION	EXCH	VISIT OFC	CODE 18 & 19 APPROVALS
1	0330-4814	INTERFACE I/O. X			

## INVOICE COMMENTS

## DESCRIPTION OF WORK PERFORMED

## ADD'L. PARTS REQ'D.

QTY PART NUMBER

DATA TRACE NOISY, REORDERED OK

1. ADJUSTED OFFSET, ETC TRACE VARIED BETWEEN OK & VERY NOISY.
2. EXCHANGED INTERFACE I/O PC BOARD.
3. ADJUSTED OFFSET. TESTED
4. DATA CHANNEL OK.
5. CUSTOMER WILL MONITOR

PE SERVICE ENGINEER

W. H. MASON

PROD CODE MODEL CODE PE CONTRACT

107

3311

INSTRUMENT SERIAL NO.

082842001011

COMPLETE DATE VISITED RESPONSE TIME CALL BACK

Y

N

10-18-82

3

## ACTUAL

## BILLABLE

LABOR  
HOURS  
340H  
R  
S \$TRAVEL  
HRS/ZONE  
375H  
R  
S \$

VISIT NO.

EM

CONTRACT  
360

\$

ZONE CODE

FLAT CHG.  
370

\$

MISC. CHG.  
390

\$

TAX BACKLOG

TAX CODE

SHIPPING CHARGES

00

SERVICE REASONS  
AREA PROBLEM CAUSEINCOMPL  
REASONPRIMARY  
USECODE  
1

2

9

1

-

27

PERSON CONTACTED/TELEPHONE NO.

B. GARNER 302-736-4811

CUSTOMER SIGNATURE

W. H. Mason

SERVICE REASONS		INCOMPL. REASON	PRIMARY USE	CODE 1
AREA	PROBLEM	CAUSE		
PERSON CONTACTED/TELEPHONE NO.				
302-736, 481				
B. H. GARNER				
CUSTOMER SIGNATURE				
B. H. Garner				